BRUHATH BANGALORE MAHANAGARA PALIKE

Yalahanka ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work :-Annual Maintenance and repairs of street lights in ward no 09 Package Y -09 of Yelahanka Zone.

Name of Contractror of nature of Agency:-M/s SBES Electricals

Job Code No:-009-22-000004

Ref no and Date of commencement of work:-:- EE/Ele/YZ//WO/000009 /22-23 Date:01/04/2022

Aggrement No & date:- 000009/22-23 Dt 01.04.2022

Measurement Book No: 2602/22-23 **Page No:** 260124 to 260127

Bill NO :- 1st RA Bill Bill Period : 01-4-2022 to 30-06-2022 (for 3 months)

Sl. No.		Unit	Period in Month	Present Measurements		
				Qty	Tender Full Rate	Cost
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36/40 W fluorescent tube light street lighting systems.	Each	3	154	29.16	13471.92
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 W HPMV light Park lighting systems.	Each	3	320	50.00	48000.00
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250W HPSV street light lighting systems.	Each	3	3754	70.83	797687.46
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents 400 watts HPSV street light/High Mast lighting systems.	Each	3	50	66.66	9999.00

Assistant Executive Engineer (Ele)
BBMP, Bangalore

5	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 24 watt LED park lighting systems.	Each	3	20	54.16	3249.60
6	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 65 watt LED street light lighting systems.	Each	3	229	91.66	62970.42
7	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 90 watt LED street light lighting systems.	Each	3	131	100.00	39300.00
8	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 110/120 watt LED streetlight lighting system	Each	3	0	116.66	0.00
9	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 150 watt LED street light /High mast lighting system	Each	3	0	133.33	0.00
10	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole.Upto 5Mtr street light pole.	Nos	-	0	150.00	0.00
11	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/footing of the pole.8Mtr and above street light pole.	Nos	-	0	250.00	0.00

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12	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) 100Amps 25kA.		Each	-	25	2500.00	62500.00
13	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.260mmx210mmx116mm		Each	-	25	300.00	7500.00
1	SBES/09/TC37/GN/00/07/01/S	# 11/12, Sri Nilaya, 2nd Main, 7th A Cross Ganesha Nagara					
2	SBES/09/TC35/DB/00/04/09/SV	# 3/111, 4th main, Deshabandu nagara					
3	SBES/09/TC35/DB/00/03/08/SV	# 6/A, 1st cross, Chikkavenkatappa Layout, Deshabandu nagara					
4	SBES/09/RR/00/02/07/SV	# 10, 4th main, Behind Renuka Yellamma temple					
5	SBES/09/TC37/RR/00/02/05/SV	# 02, 4th main, Behind Renuka Yellamma temple					
6	SBES/09/TC37/RR/00/02/05/SV	Durga fancy Store Doddabommasnadra					
7	SBES/09/TC29/BEL/04/10/LED	11th Cross BEL 1st Block Vinayaka Provision store					
8	SBES/09/TC25/NL/00/08/15/SV	# 219, 8th A Cross, NTI Layout					
9	SBES/09/TC25/NL/00/09/10/0	# 124, 9th Main, NTI Layout					
10	SBES/09/TC20/NB/00/06/10/SV	Manjunatha Condiments, Narsipura Layout					
11	SBES/09/BL/00/03/09/SV	Anand Shetty park. BEL 6th Block					
12	SBES/09/BL/00/03/09/SV	Anand Shetty park. BEL 6th Block					
13	SBES/09/TC19/BEL/00/06/16/SV	# 257, Vidyaranyapura police station, BEL 6th Block					
14	SBES/09/TC21/SL/00/01/02/SV	# 41, 1st Main, Somanna Garden					
15	SBES/09/TC22/HM/00/13/08/SV	# 79, 13th Cross HMT 1st Block					
16	SBES/09/TC27/HM/09/14/06/SV	Sri Sri Ravishankar Bal Mandir, HMT 2nd Block					
17	SBES/09/TC59/SN/00/02/08/SV	# 16, Krishnakrupa, 2nd Cross, Basava Samithi L/o					
18	SBES/09/TC47/BK/00/08/19/S (New Pole)	1st Cross, BK L/o, # 179, Shankar Bullet Krishnappa L/o					
19	VA/10/TC17/CRV/00/01/02/S	# 35, 1st Cross, Ramaiah Layout					
20	VA/10/TC28/MSL/01/00/10/S	1st Main, Muniswamappa Layout					
21	SBES/09/TC491/RMR/00/56/S	Rajeev Gandhi Layout, Railway Parellel road					
22	SBES/09/TC89/CL/00/07/05/0	7th Cross Canara Bank Layout					
23	SBES/09/TC89/CL/00/09/01/0	9th Cross Canara Bank Layout					
24	SBES/09/TC78/HL/01/00/01/S	Hanuman Layout 1st main					
25	SBES/09/TC89/CL/04/00/02/S	4th Main Canara Bank Layout					

14	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtr	-	248	60.00	14880.00
15	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.On wall /Structure 6 sqmm to 16 sqmm	Mtr	-	248	10.00	2480.00
	32nosx7.75 Mtrs=248 Mtrs					
16	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100 to 125Amps	Each	-	7	350.00	2450.00
17	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	-	7	1500.00	10500.00
1	Rajeev Gandhi Layout 7th main					
2	Rajeev Gandhi Layout 7th A Cross					
3	Canara Bank Layout Park					
4	BEL 6th Block Scating Park					
5	IEHCS Layout #21 8th Main					
6	508 1st Cross Rajeev Gandhi Layout					
7	SBES/09/TC14/DL/00/02/09/SV # 73, 2nd Cross, Deffence Layout					
18	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 Amps SP	Each		0	400	0.00
	TOTAL Rs					1074988.40
	Add GST 12 % on item no 10 to 18			100310.00		12037.20
	TOTAL Rs					**1087025.60**
	Fine imposed for non burning of street lights For the period of 01/04/2022 to30/06/2022					6500.00
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material					21499.77
	GRAND TOTAL					**1059025.83**

CERTIFICATE

1.This is to certify that the work done is saticefactorily.

2.This is to certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

11/7/22

Junior Engineer(Elec)
Yalahanka Division

Asst.Exe.Engineer(Elec)
Yalahanka Division